

LRSEF - High School - Special Awards

Amer. Assoc. of Dental Resch; Lvl Dental Soc; UofL - SAW1A - Senior Winner \$100 each student, \$100 each school, certificate, dinner w/ Louisville Dental Society

Dental Science Award

Madelyn Steineker - North Oldham High School

Too Much Fluoride In Drinking Water Is Dangerous

American Chemical Society - SAW2A - Invitation to ACS section Awards & Recognition Reception.

First Place Chemistry Project

Sriram Satyavolu - Kentucky Country Day

Optimization of Storage Capacity using Activated Carbon Fibers from Sustainable Agricultural Sources for Hydrogen

American Chemical Society - SAW2B - Invitation to ACS section Awards & Recognition Reception.

Second Place Senior Chemistry Project

Kairav Kukkala - Ballard High School Science & Engineering Fair

Surfactant Additives to Improve Paint Stain Resistance

American Chemical Society - SAW2C - Invitation to ACS section Awards & Recognition Reception.

Third Place Senior Chemistry Project

Dallas Miles - St. X Science Fair

At Home Machine For Bio-diesel Production

American Society of Civil Engineers - SAW3B - 1 Certificate + \$25

Awarded to the project best depicting the civil engineering profession

William Schuhmann - Ballard High School Science & Engineering Fair

A New Method of Surfactant Delivery Utilizing the Marangoni Effect and Possible Application to Oil Spill Recovery

ASM Materials Education Foundation - NAT3 - Certificate

Criteria for award:

1. Use of materials-related concepts.
2. Demonstration of some aspect of the materials paradigm, i.e., structure-processing-properties-performance relationships
3. Clarity in presentation
4. Clear understanding of the scientific method
5. Aesthetics - layout of the project, neatness, etc.

Joshua Jacob - Saint Xavier High School

Development of a Hybrid Direct Ink Writing 3D Printer: a Novel Approach to 3D Printing Multi-material Functional Devices and Flexible Electronics

ASU Walton Sustainability Solutions Initiatives - NAT5 - 2 Certificates and nomination to submit for the Grand Prize, a trip to Arizona for the 2016 Sustainability Solutions Festival. Winning entry must be mailed by May 1, 202106 to be considered for the Grand Prize

Winners selected from any category and should convey intent in their research to solve a complex problem that involves social justice, environmental and economic prosperity.

Sriram Satyavolu - Kentucky Country Day

Optimization of Storage Capacity using Activated Carbon Fibers from Sustainable Agricultural Sources for Hydrogen

Rachel Spaulding - Eastern High
Heat and Wind power

Azland Risk Management, LLC - SAW4 - Senior only - Certificate

Award can be given across any category.

Carson Harral, Mark Johannemann - Ballard High School Science & Engineering Fair
A Study of Aquaponics With Recreational and Industrial Fishes

B.C. Plumbing Company - SAW32 - \$100

Haseeb Tariq - Ballard High School Science & Engineering Fair
Water Electrolysis

Bluegrass Food Technologists - SAW5A - Certificate + \$200

No restrictions on categories. Top Science Fair Projects that is related to Food

Daniah Elathamna - Ballard High School Science & Engineering Fair
yeast reproduction in sugar substitutes

Churchill Downs - Churchill Downs - 1st Place

1st place

Rachel McIntyre - Ballard High School Science & Engineering Fair
Horse Emotions

Delta Kappa Gamma, International, Theta Chapter - SAW10B - Certificate + \$30 Senior

Awarded across any category

Tasha Duncan - Central High School
Can Anger Be Affected By Intense Emotion?

Shelby Hayes - Valley High School
social media affects the brain

Zachary Jordan-Smith - Brown School Science Fair
Differential Construction of Solar Cookers and the Effect on Heating Water

Cassady Lamb, Bryce Holbert - Eastern High
Which Food Works Best to Maximize Chemical Energy

Jalien Silvestri - Valley High School
Battle of the Sexes; who has better reflexes, perception, and understanding skills

william wiley - Valley High School
testing for the best water

Design a Better Mousetrap - SAW33

Joshua Jacob - Saint Xavier High School
Development of a Hybrid Direct Ink Writing 3D Printer: a Novel Approach to 3D Printing Multi-material Functional Devices and Flexible Electronics

William Schuhmann - Ballard High School Science & Engineering Fair
A New Method of Surfactant Delivery Utilizing the Marangoni Effect and Possible Application to Oil Spill Recovery

GE APAF- Clear Thinker Award - SAW12B - Certificate + \$100 Senior

Awarded to project that demonstrates clear understanding of the problem with conclusions drawn from competent research and observations and clearly communicated by presenter. Preferred Categories: Engineering, Computer Science, Physics, and Chemistry

Tanya Gupta, Natasha Gupta - Ballard High School Science & Engineering Fair

GE Best of Fair Award - Senior - SAW25 - Certificate and \$420 each

Top 4 Senior Division Project

Vishaal Balamurugan - North Oldham High School

Bioengineering Islet Cells using 3D-Bio Printing Technology for the Treatment of Type One Diabetes

Joshua Jacob - Saint Xavier High School

Development of a Hybrid Direct Ink Writing 3D Printer: a Novel Approach to 3D Printing Multi-material Functional Devices and Flexible Electronics

Vaitheesh Jaganathan - Ballard High School Science & Engineering Fair

CAN TENDER COCONUT WATER INHIBIT THE GROWTH OF HepG2 LIVER CANCER CELLS

Sriram Satyavolu - Kentucky Country Day

Optimization of Storage Capacity using Activated Carbon Fibers from Sustainable Agricultural Sources for Hydrogen

Gibson Family Award - SAW27B - \$50 Award plus certificate

Mason Tomko - Gatton Academy of Science & Mathematics

Manipulating Plant Genetics to Accumulate Rare Earth Metals

Hexion Speciality Chemicals - Community Impact - SAW13B - 1 certificate & \$50

Awarded across any category, preferred chemistry, etc.

TanishQ Malhotra - Ballard High School Science & Engineering Fair

Lightweight Composites in Automobiles

Hexion Speciality Chemicals - Creative Award - SAW13D - 1 certificate & \$50

Awarded across any category, preferred chemistry, etc.

Stanford Broadwater - St. X Science Fair

The Sound of Music: Polynomial Approximations of Timbre

I-SWEEP - NAT9 - Invitation to attend the annual International Sustainable World Project Olympiad (I-SWEEP). Prize includes hotel accommodations, breakfasts, and field trip costs during the fair for student and 1 adult supervisor (parent or teacher)

Special award that display outstanding work in the theme of environmental sustainability and innovation.

Rachel Spaulding - Eastern High

Heat and Wind power

INTEL Excellence in Computer Science - NAT7 - Certificate, \$200 cash prize

Top 1st place Computer Science Category winner

Joey Hurley - Ballard High School Science & Engineering Fair

Testing the code

Kentucky Gas Association - SAW15B - Certificate + \$50 Senior

Awarded across any category for projects related to the natural gas industry including safety, corrosion, etc.

Lillian Vittitow - Valley High School

Heat vs. Gas

Kentucky Science Center - SAW16 - 1 - Kentucky Science Center membership

Awarded across any category

Laziz Muradov - Ballard High School Science & Engineering Fair

Building a Van De Graaff Generator for wireless energy transmission.

Kentucky Society of Professional Engineers - SAW18 - Certificate + \$50

Awarded across any category for projects exhibiting excellence in the engineering fields.

Rachel Spaulding - Eastern High

Heat and Wind power

KY Chapter of Certified Hazardous Materials Mang. - SAW14 - Certificate + \$400

Awarded across any category.

William Schuhmann - Ballard High School Science & Engineering Fair

A New Method of Surfactant Delivery Utilizing the Marangoni Effect and Possible Application to Oil Spill Recovery

Louisville Water Company - SAW20 - \$200 plus a certificate.

Awarded across any category that exhibits a knowledge of water quality.

Hadley Jostsons - Ballard High School Science & Engineering Fair

City Drinking Water Versus Bottled Water: Are Americans Pouring Money Down the Drain?

Mercedes-Benz Club of America, Bluegrass Stars Sec - SAW21 - Certificate + \$100 + Invitation to Technical Session with the Club

Automotive Science Award, can be any category

TanishQ Malhotra - Ballard High School Science & Engineering Fair

Lightweight Composites in Automobiles

Mu Alpha Theta, The Honorary Mathematics Society - NAT10 - Certificate

Awarded to individual or group project demonstrating the most challenging, original, thorough, and creative investigation of a problem involving mathematics accessible to a High School student.

Amy Brady - Brown School Science Fair

Using a Digital Camera to Measure the Sky Glow of Various Locations

Office of Naval Research - NAT13B - Senior: Certificates, medallions and \$50 gift cards.

Naval Science Award given to projects competing as individuals only. Up to 3 senior and 3 junior award winners

Analisa Conway - Assumption High School

New Home Health Hazard: Exploring Flexible Flooring Cytotoxicity

Joshua Jacob - Saint Xavier High School

Development of a Hybrid Direct Ink Writing 3D Printer: a Novel Approach to 3D Printing Multi-material Functional Devices and Flexible Electronics

Shanzeh Sayied - Kentucky Country Day

The Efficacy of Camel Milk in Inhibiting Glucose Induced Cataracts

Regeneron Science Talent Search - NAT8 - Invitation to apply for a free trip to annual Regeneron Science Talent Search

Top best 11th grade projects

Vishaal Balamurugan - North Oldham High School

Bioengineering Islet Cells using 3D-Bio Printing Technology for the Treatment of Type One Diabetes

Tanya Gupta, Natasha Gupta - Ballard High School Science & Engineering Fair

TiO₂ Coated-Roofs: Mitigating UHI Effect and Reducing Ethanol Pollution via Photocatalysis (Year 2)

Joshua Jacob - Saint Xavier High School

Development of a Hybrid Direct Ink Writing 3D Printer: a Novel Approach to 3D Printing Multi-material Functional Devices and Flexible Electronics

Sriram Satyavolu - Kentucky Country Day

Optimization of Storage Capacity using Activated Carbon Fibers from Sustainable Agricultural Sources for Hydrogen

Sigma Xi - SAW31 - \$100 + Certificate + Subscription to American Scientists Magazine

Tanya Gupta, Natasha Gupta - Ballard High School Science & Engineering Fair

TiO₂ Coated-Roofs: Mitigating UHI Effect and Reducing Ethanol Pollution via Photocatalysis (Year 2)

Joshua Jacob - Saint Xavier High School

Development of a Hybrid Direct Ink Writing 3D Printer: a Novel Approach to 3D Printing Multi-material Functional Devices and Flexible Electronics

Society for In Vitro Biology - NAT15 - Certificate

Winner must be in 11th grade with an exhibit in the area of plant or animal in vitro biology or tissue culture.

Vishaal Balamurugan - North Oldham High School

Bioengineering Islet Cells using 3D-Bio Printing Technology for the Treatment of Type One Diabetes

Stockholm Junior Water Prize - NAT16 - 3 regional certificates and nominations for the state SJWP Competition

Water prize certificates are awarded to the US high school student, age 15-20 and presently in 9-12 grades displaying the best water-related high school science projects.

Jacob Howard - Portland Christian School

Solar Desalination

William Schuhmann - Ballard High School Science & Engineering Fair

A New Method of Surfactant Delivery Utilizing the Marangoni Effect and Possible Application to Oil Spill Recovery

Madelyn Steineker - North Oldham High School

Too Much Fluoride In Drinking Water Is Dangerous

U.S. Fish & Wildlife Service - SAW24B - Plaque

Awarded across any category but focusing on the environment and conservation.

William Schuhmann - Ballard High School Science & Engineering Fair

A New Method of Surfactant Delivery Utilizing the Marangoni Effect and Possible Application to Oil Spill Recovery

US Air Force - NAT17 - N/A

N/A

Kairav Kukkala - Ballard High School Science & Engineering Fair

Surfactant Additives to Improve Paint Stain Resistance

Laziz Muradov - Ballard High School Science & Engineering Fair

Building a Van De Graaff Generator for wireless energy transmission.

Yale Science & Engineering Association - NAT19 - Certificate

Awarded to 11th grade winner in the Computer Science, Engineering, Physics or Chemistry Category.

Tanya Gupta, Natasha Gupta - Ballard High School Science & Engineering Fair

TiO₂ Coated-Roofs: Mitigating UHI Effect and Reducing Ethanol Pollution via Photocatalysis (Year 2)